

Application No.: 10/022561

Case No.: 56540US006

Amendments to the Claims:

Applicants are amending claim 10 as indicated in the following listing. Claims 1-9, 16, 18, and 20-21 are being canceled. New claims 22-25 are being added to the application.

The following listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-9 (Canceled).

10. (Currently amended) A process for removing fluorine-containing emulsifier from an aqueous fluoropolymer dispersion ~~which comprises~~ comprising adding to the dispersion an effective amount of a nonionic emulsifier to stabilize the dispersion, contacting ~~this~~ the stabilized dispersion with an effective amount of an anion exchange resin ~~to essentially remove fluorine-containing emulsifier from the stabilized dispersion~~ and separating the dispersion from the anion exchange resin, wherein the separated dispersion is essentially free of fluorine-containing emulsifier, and optionally, subjecting the so obtained dispersion to upconcentration.

11. (Previously presented) The process as claimed in claim 10, wherein the solids content of the said dispersion is 10 to 70 weight-%.

12. (Previously presented) The process as claimed in claim 10, wherein the stabilized dispersion is contacted with the anion exchange resin in a basic environment.

13. (Previously presented) The process as claimed in claim 10, wherein from 0.5 to 15 % by weight of nonionic emulsifier is added, based on the weight of the solids content of the dispersion.

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14. (Previously presented) The process as claimed in claim 10, wherein the anion exchange resin has a counterion corresponding to an acid with a pKa value of at least 3.

15. (Previously presented) The process as claimed in claim 10, wherein the anion exchange resin is used in the hydroxyl form.

Claim 16 (Canceled).

17. (Previously presented) An article comprising an aqueous fluoropolymer dispersion prepared according to claim 10.

Claim 18 (Canceled).

19. (Previously presented) An article comprising a coating of an aqueous fluoropolymer dispersion prepared according to claim 10.

Claims 20-21 (Canceled).

22. (New) The process as claimed in claim 10, further comprising upconcentrating the separated dispersion.

23. (New) The process as claimed in claim 22, wherein the separated dispersion has a solids content of about 70% by weight or less.

24. (New) The process as claimed in claim 10, wherein said contacting step and said separating step are accomplished continuously through an anion exchange resin bed.

25. (New) The process as claimed in claim 10, wherein said contacting step is accomplished in a batch process and the anion exchange resin and the dispersion are subsequently subjected to said separating step.